

Figure 1A is a line graph showing the relationship between Delta n and Radius (mm). The x-axis represents Radius (mm) from -40 to 40, and the y-axis represents Delta n from -0.003 to 0.007. The curve shows a sharp peak at Radius = 0, reaching a maximum Delta n of approximately 0.0055. The curve is symmetric about the y-axis, with Delta n decreasing as the radius increases in both directions. The curve approaches a constant value of approximately -0.002 for radii greater than 20 mm and less than -20 mm.

FIGURE 1A

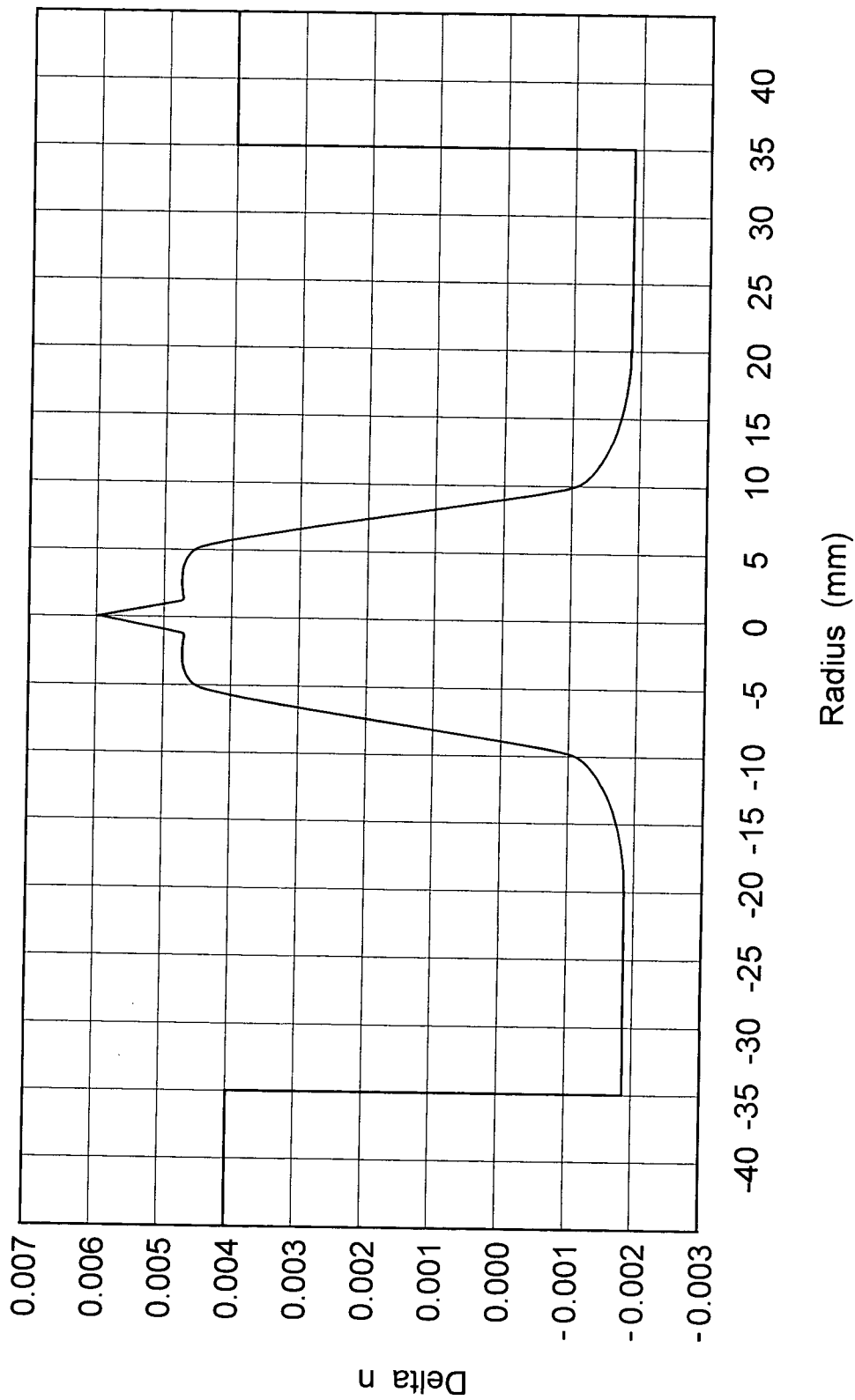


Figure 1B (prior art)

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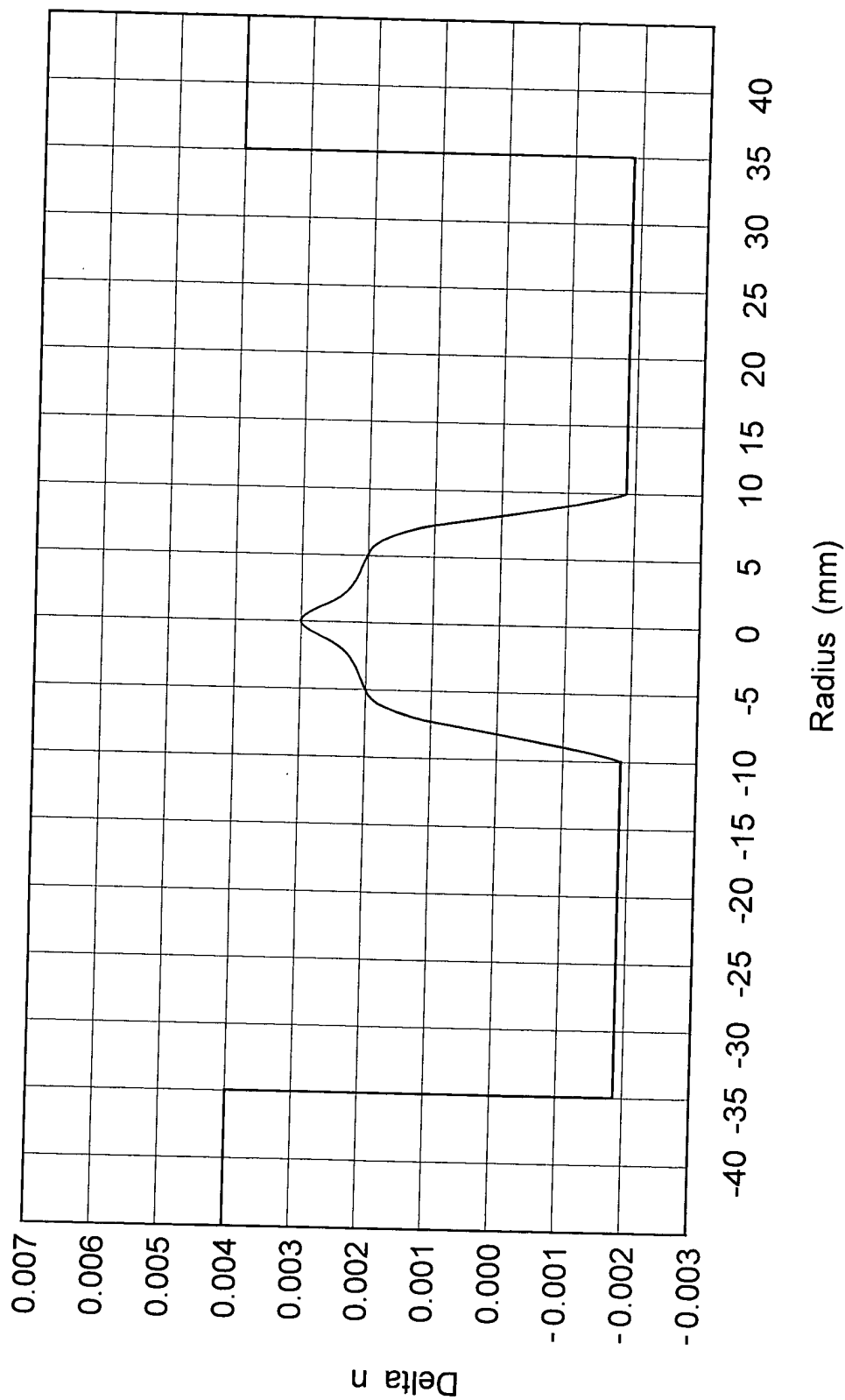


FIG. 2

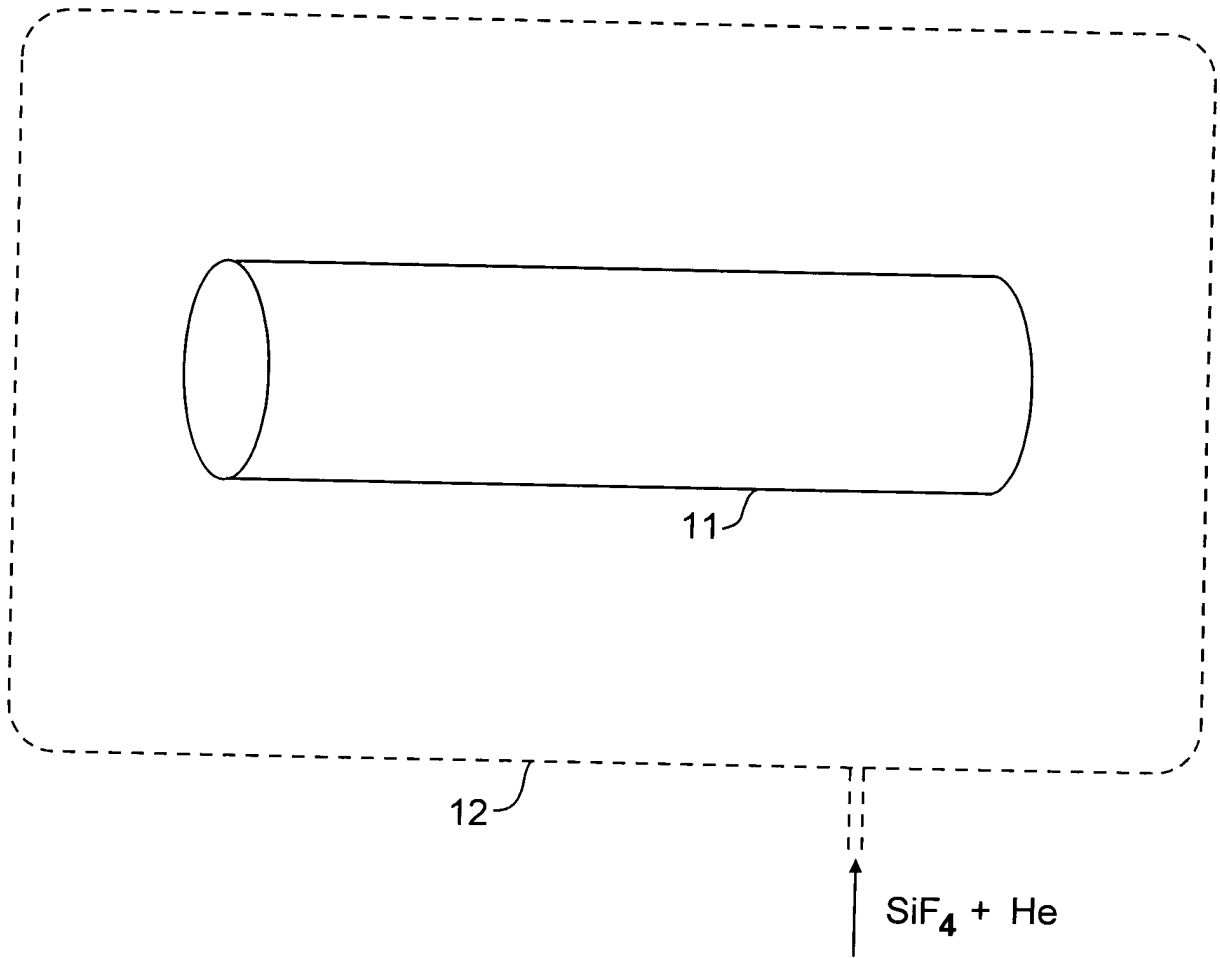


FIG. 3

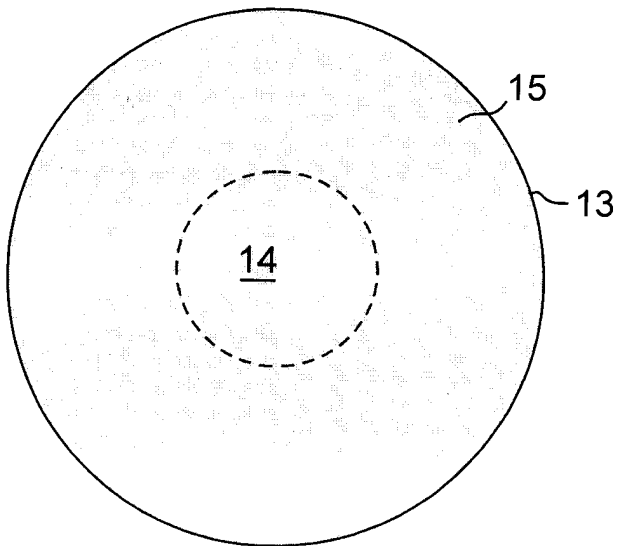


FIG. 4

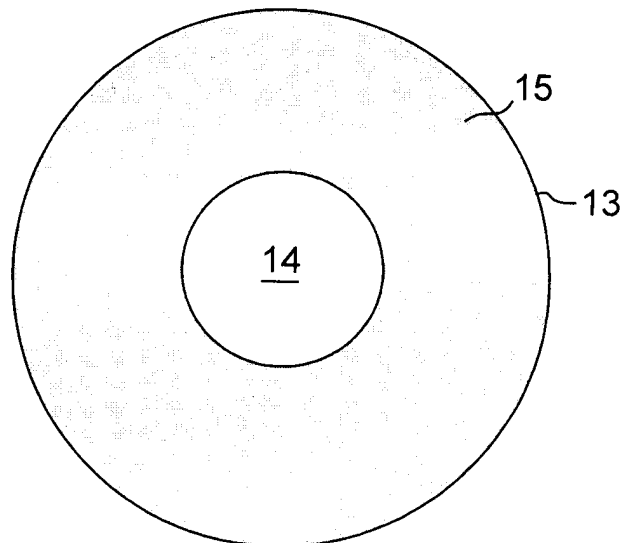


Figure 5 is a log-log plot showing the relationship between DOPING TIME (hours) on the x-axis and SiF_4 partial pressure on the y-axis. The x-axis ranges from 0 to 0.01 hours, and the y-axis ranges from 0.1 to 10000. Two curves are plotted for different values of η : $\eta = 0.1$ and $\eta = 1$. Both curves show an increasing trend, with the $\eta = 1$ curve being steeper and reaching higher partial pressures for the same doping time.

FIGURE 5

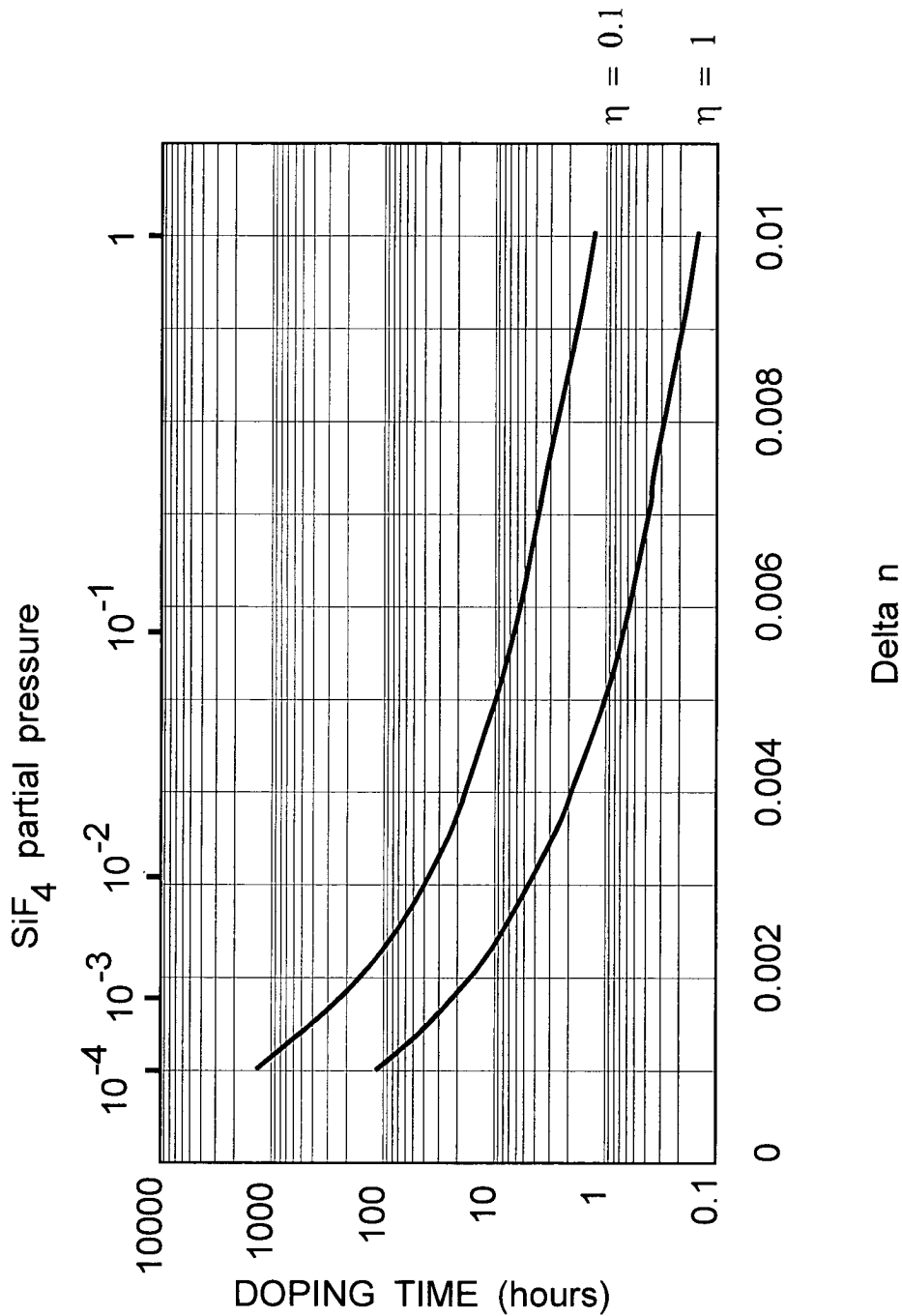


FIG. 6

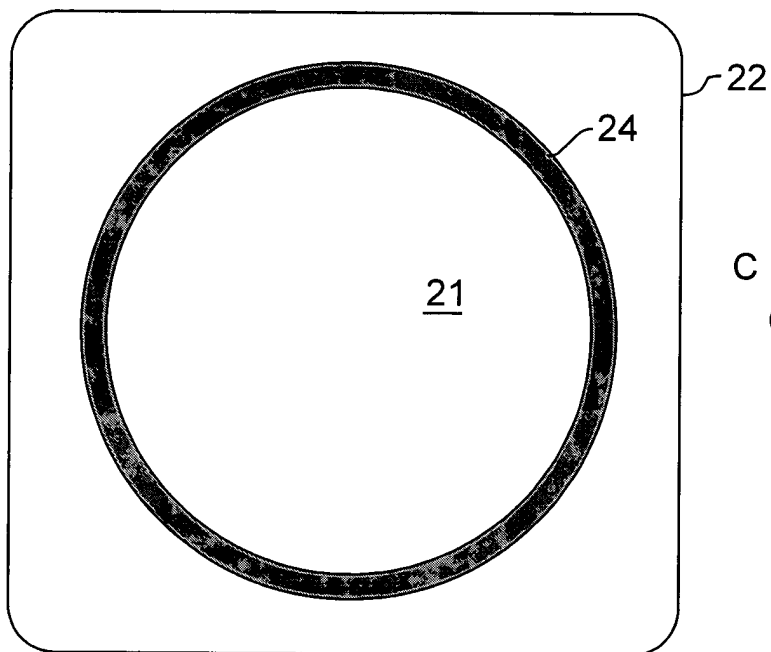


FIG. 7

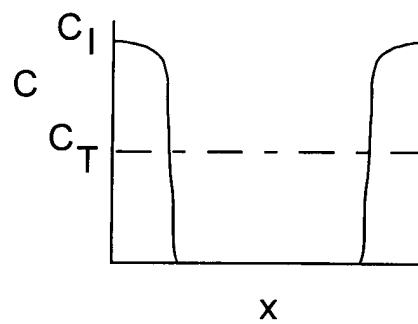


FIG. 8

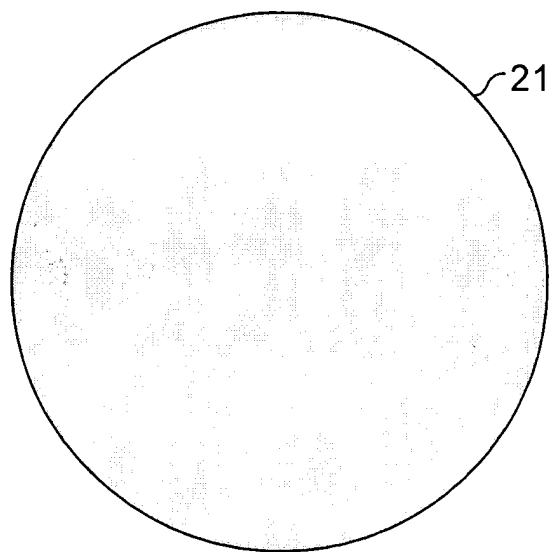


FIG. 9

